

SEQUENCE LISTING

<110> Friddle, Carl Johan
 Aylor, Erin
 Scoville, John
 Walke, D. Wade

<120> Novel Human Secreted Signal Proteins and Polynucleotides Encoding the Same

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<150> US 60/216,384
<151> 2000-07-07

<150> US 60/219,890
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<151> 2000-09-06

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<212> DNA
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Val Pro Lys Gln Leu Arg Phe Cys Arg Asn Tyr Val Glu Ile Met Pro
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Ser Val Ala Glu Gly Ile Lys Ile Gly Ile Gln Glu Cys Gln His Gln
65 70 75 80
Phe Arg Gly Arg Arg Trp Asn Cys Thr Thr Val His Asp Ser Leu Ala
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Ile Phe Gly Pro Val Leu Asp Lys Ala Thr Arg Glu Ser Ala Phe Val
100 105 110
His Ala Ile Ala Ser Ala Gly Val Ala Phe Ala Val Thr Arg Ser Cys
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Ala Glu Gly Thr Ala Ala Ile Cys Gly Cys Ser Ser Arg His Gln Gly
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Ser Pro Gly Lys Gly Trp Lys Trp Gly Gly Cys Ser Glu Asp Ile Glu
145 150 155 160
Phe Gly Gly Met Val Ser Arg Glu Phe Ala Asp Ala Arg Glu Asn Arg
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Pro Asp Ala Arg Ser Ala Met Asn Arg His Asn Asn Glu Ala Gly Arg
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Gln Ala Ile Ala Ser His Met His Leu Lys Cys Lys Cys His Gly Leu
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210 215 220
Arg Ala Ile Gly Asp Phe Leu Lys Asp Lys Tyr Asp Ser Ala Ser Glu
225 230 235 240
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Arg Pro Arg Tyr Thr Tyr Phe Lys Val Pro Thr Glu Arg Asp Leu Val
260 265 270
Tyr Tyr Glu Ala Ser Pro Asn Phe Cys Glu Pro Asn Pro Glu Thr Gly
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Ser Phe Gly Thr Arg Asp Arg Thr Cys Asn Val Ser Ser His Gly Ile
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Asp Gly Cys Asp Leu Leu Cys Cys Gly Arg Gly His Asn Ala Arg Ala
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Glu Arg Arg Arg Glu Lys Cys Arg Cys Val Phe His Trp Cys Cys Tyr
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Asp Gly Cys Leu Arg Thr Gly His Ser Gly Pro Cys Arg Ser Leu Ala
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Trp Ile Trp Ser Pro Gly Ser Gln Gly His Asp Leu Leu Glu Gln Leu
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35 40 45
Val Pro Lys Gln Leu Arg Phe Cys Arg Asn Tyr Val Glu Ile Met Pro
50 55 60
Ser Val Ala Glu Gly Ile Lys Ile Gly Ile Gln Glu Cys Gln His Gln
65 70 75 80
Phe Arg Gly Arg Trp Asn Cys Thr Val His Asp Ser Leu Ala
85 90 95
Ile Phe Gly Pro Val Leu Asp Lys Ala Thr Arg Glu Ser Ala Phe Val
100 105 110
His Ala Ile Ala Ser Ala Gly Val Ala Phe Ala Val Thr Arg Ser Cys
115 120 125
Ala Glu Gly Thr Ala Ala Ile Cys Gly Cys Ser Ser Arg His Gln Gly
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Ser Pro Gly Lys Gly Trp Lys Trp Gly Gly Cys Ser Glu Asp Ile Glu
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Phe Gly Gly Met Val Ser Arg Glu Phe Ala Asp Ala Arg Glu Asn Arg

四庫全書

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35 40 45
Thr Gly Pro Lys Ala Tyr Leu Thr Tyr Thr Ser Val Ala Leu Gly
50 55 60
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65 70 75 80
Trp Asn Cys Pro Glu Asn Ala Leu Gln Leu Ser Thr His Asn Arg Leu
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115 120 125
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Trp Ile Trp Gly Gly Cys Ser Asp Asn Val Glu Phe Gly Glu Arg Ile
145 150 155 160
Ser Lys Leu Phe Val Asp Ser Leu Glu Lys Gly Lys Asp Ala Arg Ala
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Leu Met Asn Leu His Asn Asn Arg Ala Gly Arg Leu Ala Val Arg Ala
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 225 230 235 240
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 Arg Arg Ser Cys Gly Arg Leu Cys Thr Glu Cys Gly Leu Gln Val Glu
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 Glu Arg Lys Thr Glu Val Ile Ser Ser Cys Asn Cys Lys Phe Gln Trp
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 Lys Thr Glu Val Ile Ser Ser Cys Asn Cys Lys Phe Gln Trp Cys Cys
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60

120

180

240

300

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50 55 60	
Asn Leu His Asn Asn Arg Ala Gly Arg Leu Ala Val Arg Ala Thr Met	
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Lys Arg Thr Cys Lys Cys His Gly Ile Ser Gly Ser Cys Ser Ile Gln	
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Thr Cys Trp Leu Gln Leu Ala Glu Phe Arg Glu Met Gly Asp Tyr Leu	
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<210> 16
<211> 111
<212> DNA
<213> homo sapiens

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<210> 17
<211> 36
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<400> 17
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Pro Lys Val Gly
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<210> 18

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<211> 351
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Pro Lys Ala Tyr Leu Thr Tyr Thr Ser Val Ala Leu Gly Ala Gln
35 40 45
Ser Gly Ile Glu Glu Cys Lys Phe Gln Phe Ala Trp Glu Arg Trp Asn
50 55 60
Cys Pro Glu Asn Ala Leu Gln Leu Ser Thr His Asn Arg Leu Arg Ser
65 70 75 80
Ala Thr Arg Glu Thr Ser Phe Ile His Ala Ile Ser Ser Ala Gly Val
85 90 95
Met Tyr Ile Ile Thr Lys Asn Cys Ser Met Gly Asp Phe Glu Asn Cys
100 105 110
Gly Cys Asp Gly Ser Asn Asn Gly Lys Thr Gly Gly His Gly Trp Ile
115 120 125
Trp Gly Gly Cys Ser Asp Asn Val Glu Phe Gly Glu Arg Ile Ser Lys
130 135 140
Leu Phe Val Asp Ser Leu Glu Lys Gly Lys Asp Ala Arg Ala Leu Met
145 150 155 160
Asn Leu His Asn Asn Arg Ala Gly Arg Leu Ala Val Arg Ala Thr Met
165 170 175
Lys Arg Thr Cys Lys Cys His Gly Ile Ser Gly Ser Cys Ser Ile Gln
180 185 190
Thr Cys Trp Leu Gln Leu Ala Glu Phe Arg Glu Met Gly Asp Tyr Leu
195 200 205

Lys Ala Lys Tyr Asp Gln Ala Leu Lys Ile Glu Met Asp Lys Arg Gln
210 215 220
Leu Arg Ala Gly Asn Ser Ala Glu Gly His Trp Val Pro Ala Glu Ala
225 230 235 240
Phe Leu Pro Ser Ala Glu Ala Glu Leu Ile Phe Leu Glu Glu Ser Pro
245 250 255
Asp Tyr Cys Thr Cys Asn Ser Ser Leu Gly Ile Tyr Gly Thr Glu Gly
260 265 270
Arg Glu Cys Leu Gln Asn Ser His Asn Thr Ser Arg Trp Glu Arg Arg
275 280 285
Ser Cys Gly Arg Leu Cys Thr Glu Cys Gly Leu Gln Val Glu Glu Arg
290 295 300
Lys Thr Glu Val Ile Ser Ser Cys Asn Cys Lys Phe Gln Trp Cys Cys
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<211> 105

<212> DNA

<213> homo sapiens

<400> 20

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105

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<211> 34

<212> PRT

<213> homo sapiens

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Pro Ile

<210> 22

<211> 111

<212> DNA

<213> homo sapiens

<400> 22

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111

<210> 23

<211> 36

<212> PRT

<213> homo sapiens

<400> 23

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Gly Val Phe Gly Ser Thr Arg Ser Val Asn Asn Phe Leu Ile Thr Gly
   20          25          30
Pro Lys Val Gly
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<210> 24

<211> 2257

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<213> homo sapiens

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